REMARKS

After entry of this Amendment, the pending claims are: claims 7-12, 19-30, 33-44, 46-48 and 58-63. The Office Action dated April 16, 2008 has been carefully considered. Claims 31 and 32 have been canceled without prejudice. Claims 1-6, 13-18, 45 and 49-57 were previously canceled without prejudice. Claims 7-12, 19, 24-26, 28, 33, 37, 41, 44, 46 and 58 have been amended. Support for the amendments to claims 7-12, 19, 24-26, 28, 33, 37, 41, 44, 46 and 58 can be found throughout the Specification and Drawings and specifically in paragraph Nos. 53, 57, 64, 77, 80, 83, 86, 94, 98 and Fig. Nos. 3A, 4, 5B, 6B, 7, 8 and 10. Accordingly, no new matter has been added. Allowance of the pending claims in view of the above Amendments and the following remarks is respectfully requested.

In the Office Action dated April 16, 2008, the Examiner:

- rejected claims 19-24, 31, 32 and 36 under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 6,471,711 to Irie et al. ("Irie");
- rejected claims 7-12, 25-30, 33-35 and 58-63 under 35 U.S.C. 103(a) as being unpatentable over Irie; and
- rejected claims 37-44 and 46-48 under 35 U.S.C. 102(e) as being anticipated by United States Published Patent Application No. 2004/0092947 to Foley ("Foley").

INDEPENDENT CLAIM 7

Independent claim 7 and claims 8-12 have been rejected as being unpatentable over Irie. Applicants respectfully traverse this rejection with respect to the above-listed claims, as amended

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Referring to Fig. 1, Irie discloses a device for guiding a puncture needle. The device 10 including a guide section 11 containing an insertion hole 12 for receiving a needle, a pole brace 17 substantially parallel to the guide section 11 and a cross beam 23 for connecting the guide section 11 to the pole brace 17, thereby spacing the guide section 11 from the pole brace 17. The brace 17 includes a leg 18 having a rubber support 19 for preventing slippage of the device 10, when the device 10 contacts the surface of a subject's body. The leg 18 is operatively associated with the brace 17 so that the height of device 10 can be adjusted.

Amended claim 7 is directed to a drill guide assembly and recites as follows:

a guide barrel for receiving a bone tool for creating a hole in bone; and

an alignment assembly associated with the guide barrel for aligning the bone tool with a selected first or second fastener hole of a bone plate, the alignment assembly comprising a location post configured to be at least partially received within a recess in the bone plate and a guide barrel housing within which the location post is slidably mounted, the guide barrel housing being in facing engagement with the guide barrel along its entire length, the recess being separate and distinct from the first and second fastener holes of the bone plate:

wherein the guide barrel is not pivotable relative to the alignment assembly; and

wherein the location post is pivotable about the bone plate recess to allow the guide barrel to be selectively aligned with the first and second fastener holes; and

wherein the alignment assembly further comprising a housing having a first axial bore configured to slidably receive at least a portion of the location post: and

wherein the location post and housing further each comprising a distal end, the location post having a retracted position in which the location post distal end is located a first distance from the distal end of the housing, and an extended position in which the location post distal end is located a second distance from the distal end of the housing, wherein the second length is greater than the first length, the location post includes a plurality of slots extending from a distal end thereof, the plurality of slots defining a plurality of resilient fingers so that insertion of the resilient fingers in the recess of the bone plate

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compresses the resilient fingers within the recess thereby axially locking the drill guide to the bone plate; and

wherein the alignment assembly further comprising a spring element disposed at least partially within a second axial bore in the housing to bias the

location post to the extended position. (emphasis added).

Applicants respectfully submit that there is absolutely no disclosure, teaching, or

suggestion in Iric of a drill guide comprising an alignment assembly and a guide barrel wherein

the guide barrel is aligned with a selected first or second fastener hole of a bone plate and the

alignment assembly includes a location post configured to be at least partially received within a

recess in the bone plate. The recess is separate and distinct from the fastener hole of the bone

plate. At most, Irie discloses a support for contacting a surface of the patient's body. There is

absolutely no disclosure, teaching or suggestion in Irie of a drill guide comprising a location

post at least partially received within a recess in a bone plate. Therefore, it is respectfully

submitted that Irie does not disclose, teach, or suggest all of the limitations of independent claim

7.

Furthermore, Applicants respectfully submit that there is absolutely no disclosure,

teaching, or suggestion in Irie of a drill guide comprising an alignment assembly including a

location post configured to be at least partially received within a recess in the bone plate. The

location post includes a plurality of slots extending from a distal end thereof. The plurality of

slots define a plurality of resilient fingers so that insertion of the resilient fingers in the recess of

the bone plate compresses the resilient fingers within the recess thereby axially locking the drill

guide to the bone plate. At most, Irie discloses a support for contacting a surface of the patient's

body. There is absolutely no disclosure, teaching or suggestion in Irie of a drill guide

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comprising a location post at least partially received within a recess in a bone plate, the

location post including a plurality of resilient fingers for axially engaging the bone plate.

Therefore, it is respectfully submitted that Irie does not disclose, teach, or suggest all of the

limitations of independent claim 7 for at least this reason as well.

In addition, Applicants respectfully submit that there is no disclosure, teaching, or

suggestion in Irie of the claimed drill guide assembly including a guide barrel housing that is in

facing engagement with the guide barrel along its entire length. Specifically, Irie discloses the

guiding device wherein the pole brace 17 is separated from the guide section 11 along its entire

length by the cross beam 23. Therefore, Applicants respectfully submit that Irie does not

disclose, teach, or suggest these claimed features of amended claim 7 of the present application.

Based upon each of the above arguments, Applicants respectfully request withdraw of

any rejection of amended claim 7 based upon Irie.

Furthermore, as claims 8-12 all depend from independent claim 7, it is submitted that

these claims are equally allowable. Withdrawal of these rejections and allowance of claims 8-12

is also respectfully requested.

INDEPENDENT CLAIM 19

Independent claim 19 and claims 20-24, 31, 32, and 36 have been rejected as being

anticipated by Irie. Claims 25-30 and 33-35 have been rejected as being unpatentable over Irie.

Applicants respectfully traverse these rejections with respect to the above-listed claims, as

amended.

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As previously stated above in connection with independent claim 7. Irie discloses a device for guiding a puncture needle. The device 10 including a guide section 11 containing an insertion hole 12 for receiving a needle, a pole brace 17 substantially parallel to the guide section 11 and a cross beam 23 for connecting the guide section 11 to the pole brace 17. The brace 17 includes a leg 18 having a rubber support 19 for preventing slippage of the device 10, when the device 10 contacts the surface of a subject's body. The leg 18 is operatively associated with the brace 17 so that the height of device 10 can be adjusted.

Amended claim 19 is directed to a surgical drill guide configured to engage an inner surface of a first or second fastener hole and a recess of a bone plate, and recites as follows:

a handle.

a guide barrel having a length, a proximal end associated with the handle and a distal end engageable with the fastener hole, the guide barrel further comprising a bore configured to receive a bone cavity forming tool; and

an alignment assembly associated with the guide barrel for aligning the bone tool with the first or second fastener hole, the alignment assembly comprising a housing and a location post configured to be at least partially received within the recess, and having a length:

wherein the guide barrel has a substantially longer length than the housing and the housing is integrally formed at the distal end of the guide barrel; and

wherein the location post is pivotable within the recess to allow the guide barrel to be selectively aligned with the first and second fastener holes so that the tool may be extended through the guide barrel to form a cavity in a bone underlying the selected fastener hole; and

wherein the handle is detachably coupled to the proximal end of the guide barrel via a handle extension and a swivel assembly so that the handle can be rotatably positioned with respect to the guide barrel. (emphasis added).

Applicants respectfully submit that there is absolutely no disclosure, teaching, or suggestion in Irie of a surgical drill guide comprising an alignment assembly and a guide barrel

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wherein the guide barrel is aligned with a selected first or second fastener hole of a bone plate.

the distal end of the guide barrel being engageable with the fastener hole and the alignment

assembly including a location post configured to be at least partially received within a recess in

the bone plate. At most, Irie discloses a support for contacting a surface of the patient's body.

There is absolutely no disclosure, teaching or suggestion in Irie of a drill guide comprising a

location post at least partially received within a recess in a bone plate and a guide barrel

engageable with a selected first or second fastener hole. Therefore, it is respectfully submitted

that Irie does not disclose, teach, or suggest all of the limitations of independent claim 19.

Furthermore, Applicants respectfully submit that there is absolutely no disclosure,

teaching, or suggestion in Irie of a drill guide comprising a handle wherein the handle is

detachably coupled to the proximal end of the guide barrel via a handle extension. Nor is there

any disclosure, teaching, or suggestion of a swivel assembly so that the handle can be rotatably

positioned with respect to the guide barrel. There is absolutely no disclosure, teaching or

suggestion in Irie of a detachable handle and swivel assembly. Therefore, it is respectfully

submitted that Irie does not disclose, teach, or suggest all of the limitations of independent claim

19 for at least this reason as well.

Accordingly, Applicant respectfully requests withdraw of any rejection of amended

claim 19 based upon Irie.

Furthermore, as claims 20-30 and 33-36 all depend from independent claim 19, it is

submitted that these claims are equally allowable. Withdrawal of these rejections and allowance

of claims 20-30 and 33-36 is also respectfully requested.

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INDEPENDENT CLAIM 37

Independent claim 37 and claims 38-44 have been rejected as being anticipated by Foley. Applicants respectfully traverse these rejections with respect to the above-listed claims, as amended

Referring to Figs. 1 and 2, Foley discloses a guide assembly 20 including a handle 24 and a pair of guide members 25, 66. Each of the guide members 25, 66 includes a guide tube 27, 67 and an extension 28, 68 extending distally of the guide tube 27, 67, respectively. The extensions 28, 68 are contactable with the fastener holes in a plate to orient and align the passages 30, 70 formed in the guide tubes 27, 67 with the fastener holes formed in the plate.

Amended claim 37 is directed to a drill guide assembly and recites, inter alia, as follows:

a guide barrel having a tool receiving portion comprising a longitudinal bore having a bore axis, and an alignment assembly portion;

an alignment assembly comprising a guide barrel engaging portion, a housing and a location post having a post axis, wherein the housing and the guide barrel are monolithic,

a bone plate having at least two bone screw holes and a positioning recess, the positioning recess being separate and distinct from the bone screw holes, the positioning recess being sized and configured not to receive a bone screw, the positioning recess configured to receive at least a portion of the location post, the center of the positioning recess being separated from the center of at least one of the bone screw holes by a first distance.

wherein the bore axis is located a second distance from the location post axis, the first and second distances being substantially equal so that when the location post engages the bone plate recess, the bore is substantially coaxial with the at least one fixation hole: and

wherein the guide barrel further includes a distal plate-engaging end comprising a nose portion configured to be received within one of the bone screw holes to align the longitudinal bore with the bone screw hole prior to drilling a hole. (emphasis added).

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Applicants respectfully submit that there is absolutely no disclosure, teaching, or

suggestion in Foley of a drill guide assembly comprising a guide barrel having a distal plate-

engaging end, an alignment assembly having a location post, and a bone plate wherein the bone

plate includes a positioning recess for receiving at least a portion of the location post and at least

two bone screw holes for receiving the distal plate-engaging end of the guide barrel. The

positioning recess being separate and distinct from the bone screw holes and not sized and

configured to receive a bone screw. At most, Foley discloses a guide assembly including a pair

of guide members wherein each of the guide members includes a guide tube and an extension

extending distally of the guide tube. The extensions being received within the fastener holes in

the plate to orient and align the passages formed in the guide tubes with the fastener holes

formed in the plate. There is absolutely no disclosure, teaching or suggestion in Foley of a

location post and a positioning recess configured to receive the location post wherein the

positioning recess is separate and distinct from bone screw holes and the positioning recess is

not sized and configured to receive a bone screw. Therefore, it is respectfully submitted that

Foley does not disclose, teach, or suggest all of the limitations of independent claim 37.

Accordingly, Applicant respectfully requests with draw of any rejection of amended claim 37

based upon Foley.

Furthermore, as claims 38-44 all depend from independent claim 37, it is submitted that

these claims are equally allowable. Withdrawal of these rejections and allowance of claims 38-

44 is also respectfully requested.

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INDEPENDENT CLAIM 46

Independent claim 46 and claims 47 and 48 have been rejected as being anticipated by Foley. Applicants respectfully traverse these rejections with respect to the above-listed claims, as amended

Similar to independent claim 37 discussed above, amended claim 46 is directed to a drill guide assembly and recites, inter alia, as follows:

a guide barrel having a tool receiving portion comprising a longitudinal bore having a bore axis, and an alignment assembly portion;

an alignment assembly comprising a guide barrel engaging portion, a housing and a location post having a post axis, wherein the housing and the guide barrel are monolithic,

a bone plate having at least two fastener receiving holes and a drill guide positioning recess, the recess configured to receive at least a portion of the location post, the drill guide positioning recess being separate and distinct from the fastener receiving holes, the drill guide positioning recess being sized and configured not to receive a fastener, the center of the drill guide positioning recess being separated from the center of at least one of the fastener receiving holes by a first distance,

wherein the bore axis is located a second distance from the location post axis as measured between the distal ends of the guide barrel and the location post, the first and second distances being substantially unequal so that when the location post engages the drill guide positioning recess, the bore is not coaxial with the at least one fastener receiving; and

wherein the guide barrel further includes a distal plate-engaging end comprising a nose portion configured to be received within one of the fastener receiving holes to align the longitudinal bore with the fastener receiving hole prior to drilling a hole.(emphasis added).

Applicants respectfully submit that there is absolutely no disclosure, teaching, or suggestion in Foley of a drill guide assembly comprising a guide barrel having a distal plateengaging end, an alignment assembly having a location post, and a bone plate wherein the bone plate includes a drill guide positioning recess for receiving at least a portion of the location post

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and at least two fastener receiving holes for receiving the distal plate-engaging end of the guide

barrel. The positioning recess being separate and distinct from the fastener receiving holes and

not sized and configured to receive a fastener. At most, Foley discloses a guide assembly

including a pair of guide members wherein each of the guide members includes a guide tube and

an extension extending distally of the guide tube. The extensions being received within the

fastener holes in the plate to orient and align the passages formed in the guide tubes with the

fastener holes formed in the plate. There is absolutely no disclosure, teaching or suggestion in

Foley of a location post and a drill guide positioning recess configured to receive the location

post wherein the positioning recess is separate and distinct from fastener receiving holes and

the positioning recess is not sized and configured to receive a fastener. Therefore, it is

respectfully submitted that Foley does not disclose, teach, or suggest all of the limitations of

independent claim 46. Accordingly, Applicant respectfully requests withdraw of any rejection

of amended claim 46 based upon Foley.

Furthermore, as claims 47 and 48 all depend from independent claim 46, it is submitted

that these claims are equally allowable. Withdrawal of these rejections and allowance of claims

47 and 48 is also respectfully requested.

INDEPENDENT CLAIM 58

Independent claim 58 and claims 59-63 have been rejected as being unpatentable over

Irie. Applicants respectfully traverse this rejection with respect to the above-listed claims, as

amended.

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As previously stated above in connection with independent claim 7. Irie discloses a device for guiding a puncture needle. The device 10 including a guide section 11 containing an insertion hole 12 for receiving a needle, a pole brace 17 substantially parallel to the guide section 11 and a cross beam 23 for connecting the guide section 11 to the pole brace 17. The brace 17 includes a leg 18 having a rubber support 19 for preventing slippage of the device 10, when the device 10 contacts the surface of a subject's body. The leg 18 is operatively associated with the brace 17 so that the height of device 10 can be adjusted.

Amended claim 58 is directed to a drill guide and recites, inter alia, as follows:

a guide barrel for receiving a bone tool for creating a hole in bone; and

an alignment assembly associated with the guide barrel for aligning the bone tool with a selected first or second fastener hole of a bone plate, the alignment assembly comprising a location post having a longitudinal axis and configured to be at least partially received within a recess in the bone nlate:

wherein the location post is pivotable about the longitudinal axis and in the bone plate recess to allow the guide barrel to be selectively aligned with the first and second fastener holes:

the alignment assembly further comprising a housing having a first axial bore configured to slidably receive at least a portion of the location post; and

wherein the location post and housing further each comprising a distal end, the location post having a retracted position in which the location post distal end is located a first distance from the distal end of the housing, and an extended position in which the location post distal end is located a second distance from the distal end of the housing, wherein the second length is greater than the first length, the location post includes a plurality of slots extending from a distal end thereof, the plurality of slots defining a plurality of resilient fingers so that insertion of the resilient fingers in the recess of the bone plate compresses the resilient fingers within the recess thereby axially locking the drill guide to the bone plate; and

wherein the alignment assembly further comprising a spring element disposed at least partially within a second axial bore in the housing to bias the location post to the extended position. (emphasis added).

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Applicants respectfully submit that there is absolutely no disclosure, teaching, or

suggestion in Irie of a drill guide comprising an alignment assembly and a guide barrel wherein

the guide barrel is aligned with a selected first or second fastener hole of a bone plate and the

alignment assembly includes a location post configured to be at least partially received within a

recess in the bone plate. At most, Irie discloses a support for contacting a surface of the

patient's body. There is absolutely no disclosure, teaching or suggestion in Irie of a drill guide

comprising a location post at least partially received within a recess in a bone plate. Therefore,

it is respectfully submitted that Irie does not disclose, teach, or suggest all of the limitations of

independent claim 58.

Furthermore, Applicants respectfully submit that there is absolutely no disclosure,

teaching, or suggestion in Irie of a drill guide comprising an alignment assembly including a

location post configured to be at least partially received within a recess in the bone plate. The

location post includes a plurality of slots extending from a distal end thereof. The plurality of

slots define a plurality of resilient fingers so that insertion of the resilient fingers in the recess of

the bone plate compresses the resilient fingers within the recess thereby axially locking the drill

guide to the bone plate. At most, Irie discloses a support for contacting a surface of the patient's

body. There is absolutely no disclosure, teaching or suggestion in Irie of a drill guide

comprising a location post at least partially received within a recess in a bone plate, the

location post including a plurality of resilient fingers for axially engaging the bone plate.

Therefore, it is respectfully submitted that Irie does not disclose, teach, or suggest all of the

limitations of independent claim 58 for at least this reason as well.

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Accordingly, Applicant respectfully requests withdraw of any rejection of amended

claim 58 based upon Irie.

Furthermore, as claims 59-63 all depend from independent claim 58, it is submitted that

these claims are equally allowable. Withdrawal of these rejections and allowance of claims 59-

63 is also respectfully requested.

CONCLUSION

No fee is believed due for this submission. If, however, the Commissioner determines

otherwise, the Commissioner is authorized to charge any fees which may now or hereafter be

due in this application to Deposit Account No. 19-4709.

In the event that there are any questions, or should additional information be required,

please contact Applicants' attorney at the number listed below.

Respectfully submitted,

Date: July 15, 2008

/Giuseppe Molaro/

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